

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

In the matter of:)	
)	
Implementation of Sections 309(j) and 337 of)	WT Docket No. 99-87
the Communications Act of 1934 as Amended)	
)	

REQUEST FOR WAIVER

The State of Oregon ("Oregon" or "the State"), pursuant to Section 1.925 of the Commission's rules and its *Public Notice*, DA 11-1189 (released July 13, 2011), hereby requests that the Commission waive Section 90.209(b)(5) of its rules.¹ Specifically, the State requests a 10-month extension of the January 1, 2013 deadline for private land mobile radio services in the VHF and UHF bands to migrate to narrowband technology.

The State operates statewide VHF radio systems for the Oregon Department of Transportation (ODOT) and the Oregon State Police (OSP). The State also operates some limited UHF radio systems, and employs UHF links to VHF radio sites. Oregon has a project underway to narrowband the OSP and ODOT VHF and UHF frequencies, but its efforts to install more than 3,000 mobile radios in State vehicles have been delayed for the reasons discussed below. A list of the call signs subject to this Request for Waiver is attached in Exhibits 1 through 4.

Background information

In 2005 the Oregon State Legislature enacted House Bill 2101 to create the Oregon Wireless Interoperability Network (OWIN) project, under the Oregon State Police. The OWIN Project was originally established to consolidate four different state agencies' radio systems into one statewide

¹ Footnote 3 of the table under paragraph (b)(5), states that "All stations must operate on channels with a bandwidth of 12.5 kHz or less beginning January 1, 2013, unless operations meet the efficiency standard of §90.203(j)(3)."

trunked radio system; to upgrade sites, shelters and towers; and install a digital microwave network. Engineering studies were conducted and a conceptual design was developed for a statewide trunked radio system in the 700 MHz band. The initial plan was for the 700 MHz system to replace UHF and VHF systems, eliminating the need to upgrade those systems to meet the narrowbanding requirements. The multi-year, multi-phase design was such that the statewide system would be completed by the narrowband deadline of January 1, 2013.

The cost of the proposed system was more than \$600 million. As system planning progressed, revenues to the State of Oregon declined because of the overall nationwide economic downturn. Funding to the project was reduced. In April 2010, the OWIN Project was moved from OSP to the Major Projects Branch of ODOT. In January 2012 Governor John Kitzhaber directed that the OWIN project be restructured. Accordingly, the scope of the project was reduced and became the State Radio Project (SRP). The scope of the project is now to:

- Narrowband the ODOT and OSP VHF systems,
- Replace analog microwave with digital,
- Make improvements to communications facilities and
- Construct a 45 site (+/-) Project 25 digital trunked radio system (TRS) at 700 MHz to cover 70 percent of Oregon's population.

The following sections provide the information requested in the Commission's *Public Notice*, DA 11-1189 (released July 13, 2011), setting forth criteria to be considered in addressing requests for waiver of the narrowbanding deadline.

The State's Narrowbanding Efforts

The State's original plan for compliance with the narrowbanding deadline was initiated in 2005, with the establishment of the OWIN Project. As a result of the changes in the plan noted above, the State released a Request for Proposals on December 4, 2009 which resulted in a Contract with Harris

Corporation (Harris) in December 2011 to supply 192 narrowband VHF repeaters, to provide 3214 mobile radios and 2613 portable radios; and design and construct the trunked radio system. Both mobile and portable radios are multiband radios capable of narrowband operation at VHF and UHF. The mobile radios in particular are a new product for Harris.

Exhibit 5 details the Harris contract and other contractual arrangements the State has entered into for various expertise's required for the project.

The State received the 192 repeaters in June 2011. State staff immediately began to "rack up" the radios so that they could "drop and swap" the new equipment for the older non-narrowband-capable equipment. However, early on in this process, it was discovered that the repeaters could not easily be switched later to Project 25 digital signaling. Harris immediately went to work to correct the issue, but approximately two months of installation time was lost. The State also purchased 41 Daniels repeaters for installation at the solar sites. Not all of the purchased repeaters will be installed; some are intended as spares while others are for future sites to improve coverage.

As of mid-March 2012, 82 repeaters had been installed at 61 remote sites and the sites are ready to go narrowband. Installations continue today. However, due to Oregon's geography, winter conditions on high sites can extend into June, causing the sites to be inaccessible. Nevertheless, the State intends to complete the installation of all the repeaters by the end of October 2012.

In October 2011, the State began to install new narrowband-capable, multiband mobile radios in vehicles; to issue new portable radios; and to train the users on the new radios. The State intended to complete mobile radio installations by September 2012. At that time, all narrowband-capable repeaters would have been installed and the switchover to narrowband could begin. The plan was to have the ODOT and OSP radios systems narrowband operational by the January 1, 2013 deadline.

Mobile radio installations were halted on January 19, 2012, because of technical issues with the mobile radios. At that time, 523 of the 3376 mobile radios had been installed in ODOT and OSP vehicles.

The issuance of portable radios and training of users was halted as well. Harris is diligently working to correct the problems. As of March 15, 2012 a new software release intended to correct the problems is imminent. The new software will then be installed by Harris in the 506 ODOT and OSP vehicles for field testing.

Once the field test of the new firmware is complete, the State intends to take a cautious approach when restarting the subscriber equipment rollout. The State plans to conduct area-specific testing with a limited number of vehicles first, rather than roll out an area all at once. This approach will ensure that radios will be well tested by the time large-scale installations take place in an area. Additionally, the State intends to install radios at a reasonable rate when it restarts the installation process. This will minimize the installation problems that had caused some of the prior technical issues. If radio installations can resume in June 2012 and there are no more delays, the State anticipates that all the radios can be installed by March 2013. Once this has occurred, then the State can begin the cut-over to narrowband operation of repeaters and subscriber equipment.

System Size and Complexity

The ODOT and OSP radio systems consist of 180 sites with 250 licensed repeaters. UHF radios are used to link remote sites to the network backbone. There are more than 3,000 users on the radio system, as well as radios in district and field offices. The licenses and frequencies by agency and frequency band included in this waiver request are provided in Exhibits 1 - 4.

Narrowband Capabilities of Existing Equipment

The existing ODOT and OSP radio systems are past their end of life and are not compliant with the FCC mandate to operate in narrowband channels. A small percentage of the existing infrastructure and subscriber equipment are narrowband-capable. The majority of equipment must be replaced with modern equipment that is narrowband-capable.

Additional System Upgrades or Improvements Concurrent with Narrowband Effort

As a part of the State Radio Project, the following upgrade activities are in progress:

- The State is upgrading its analog microwave network to digital.
- The State is making improvements to communications facilities.
- The State will construct a 40 site (+/-) Project 25 digital trunked radio system at 700 MHz to cover 70 percent of Oregon's population.

Effects on Narrowband Schedule due to Interoperability

The State does not anticipate that its narrowbanding schedule will affect neighboring systems due to interoperability or other interdependencies. However, the State will handle any issues that may arise on a case-by-case basis.

Funding

In July 2011, the Oregon State Legislature appropriated \$121 million for the 2011-2013 biennium for the State Radio Project. This funding is to complete narrowbanding and trunking, and approximately half of the microwave upgrades. The remaining funding to complete the microwave upgrades will be provided in the 2013-2015 biennium. All of the repeaters, mobile radios and portable radios have been purchased and are in Salem, Oregon. Furthermore, the State has funding to accomplish all the necessary installation.

Impact of Oregon's Wideband Operation on or by Co- and Adjacent-Channel Licensees

The State does not anticipate any negative impact on the operations of co- and adjacent licensees due to its extended wideband operations. The State will be narrowbanding on its existing VHF and UHF channels and therefore there should be no impact on other licensees. However, any issues that may arise will be handled on a case-by-case basis.

Plans to relinquish the VHF/UHF spectrum once it has migrated and the amount of spectrum to be relinquished

While the State will construct a 700 MHz trunked radio system, the initial implementation will cover a relatively small portion of the State's geography. The VHF radio system will still be needed and will serve as a backup to the 700 MHz trunked radio system. The State does not plan to vacate any existing VHF or UHF spectrum.

Narrowband Project Schedule

The tentative timeline for installation and deployment of the OSP and ODOT VHF narrowband radio systems is as follows.

Narrowbanding Activity	Begin Date	End Date
Repeater Installations	October 2011	October 2012
Radio Installation and Training	October 2011	January 2012 - halted
Radio Field Testing	Mid-March 2012	June 2012
Radio Installations and Training Resume	July 2012	June 2013
Office Remote Installations	January 2013	June 2013
Cut-over	July 2013	September 2013

This schedule is based upon the field testing of new firmware beginning mid- to late-March 2012, with mobile radio installations resuming July 2012. Of course, any delays in resuming radio installation will delay the start date for the cut-over to narrowband. However, the State believes that a ten month extension to November 1, 2013 is necessary to account for any delays to the project schedule.

Conclusion

Oregon has acted diligently and in good faith to complete its narrowbanding activities before the narrowbanding deadline. According to Section 1.925(b)(3), the Commission may grant a request for a waiver if it is shown that:

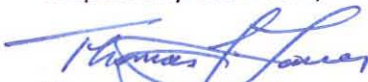
"(i) The underlying purpose of the rule(s) would not be served or would be frustrated by application to the instant case, and that a grant of the requested waiver would be in the public interest; or

"(ii) In view of unique or unusual factual circumstances of the instant case, application of the rule(s) would be inequitable, unduly burdensome or contrary to the public interest, or the applicant has no reasonable alternative."

The intent of the narrowbanding mandate is to improve spectral efficiency in the land-mobile radio bands. Oregon has a plan in place to achieve narrowbanding and has started narrowband implementation. Oregon believes the extension of the deadline is warranted because strict application would be unduly burdensome and contrary to the public interest in view of the factual circumstances presented here. Unforeseen circumstances caused by technical problems will prevent the State from completing the narrowbanding project before the deadline. The State has also presented all of the information requested in the Commission's *Public Notice*, DA 11-1189 (released July 13, 2011), setting forth criteria to be considered in addressing requests for a waiver of the narrowbanding deadline.

Therefore, for the reasons set forth above, the State respectfully requests a waiver and extension of the narrowbanding deadline.

Respectfully Submitted,



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Please refer questions or clarification of this Request for Waiver to:

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EXHIBIT 1
OSP - VHF

Oregon State Police <u>VHF</u> Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
KA35549	AREA OF OPERATION- COUNTIES MARION, LINN, LANE, DESCUTES	MO	154.8600 155.4450 155.9100
KA77889	STATEWIDE	MO	155.4750
KA91086	AREA OF OPERATION JACKSON & JOSEPHINE	MO	158.7900
KA96526	AREA OF OPERATION STATEWIDE	MO	154.8600 154.9050 154.9350 155.4450 155.4600 155.9100 156.0300
KA96526	COOS BAY, OR	FX1	155.4450
KA96526	AREA OF OPERATION STATEWIDE	FX1T	155.4450
KB65128	AREA OF OPERATION COUNTIES JACKSON JOSEPHINE CURRY COOS DOUGLAS OR	MO	154.6800 159.0300
KB79438	AREA OF OPERATION: DOUGLAS, COOS	MO	155.5050
KFF659	STATE LIBRARY BLDG	FB2, FB	156.0300
KFF670	AREA OF OPERATION CAPE PERPETUA	MO	154.7850 159.2100
KFF670	GLENADA RIDGE	FX1	159.2100
KFF670	LAND MOBILE CONTROL STATION	FX1	159.2100
KFF670	CAPE PERPETUA	FB2	154.7850
KFF670	GLENADA RIDGE	FB2	154.7850
KFF670	WALKER POINT	FB2	154.7850
KJ9235	AREA OF OPERATION - CAPITOL MALL AREA	MO	154.6650
KJ9251	AREA OF OPERATION - METRO FREEWAYS, PORTLAND OR	MO	155.5050
KNBN597	AREA OF OPERATION COUNTIES DOUGLAS LANE KLAMATH	MO	154.4600 154.9050
KNBN597	EUGENE OR	FX1	155.4600
KNBN597	WOLF MOUNTAIN	FB	154.9050
KNIC783	1 MI SE VALE, OR	FX1	155.4600
KNIC783	1 MI SE VALE, OR	FB	154.9050
KNIC784	LIME HILL	FB2	154.9050
KNIC785	LAND MOBILE CONTROL STATION	FX1	155.4600
KNIJ820	LAND MOBILE CONTROL STATION	FX1	155.4600

Oregon State Police <u>VHF</u> Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
KNIS797	TILLAMOOK OR	FX1	158.9100
KNIS797	TILLAMOOK OR	FB	154.8600
		FB	154.9350
KNIS798	COLUMBIA CITY, OR	FX1	155.4600
KNIS798	LAND MOBILE CONTROL STATION	FX1	155.4600
		FB	154.9350
KNIS799	OSP OFC - BEAVERTON OR	FX1	155.4600
KNIS801	SKAMANIA MT	FB2	154.9350
KNIS802	SUNCREST	FB2	154.9350
KNIS805	OPERATING STATEWIDE	FX1T	156.0300
KNIS805	OPERATING STATEWIDE	FB2T	156.0300
KNIS805	OPERATING STATEWIDE	FX1T	155.4600
KNIS805	OPERATING STATEWIDE	FX1T	155.4450
KNIS805	OPERATING STATEWIDE	FB2T	154.9350
KNIS805	OPERATING STATEWIDE	FB2T	154.9050
KNIS805	OPERATING STATEWIDE	FB2T	154.8600
KNIS806	GREEN MT	FB2	154.9050
KNIS906	MT HOOD - GOVERNMENT CAMP	FB2	154.9350
			154.7850
KNIIY683	AREA OF OPERATION - LAKE COUNTY	MO	155.5200
KNIIY683	LAND MOBILE CONTROL STATION	FX1	155.2200
KNIIY683	EUGENE, OR	FB	154.7850
KNIIY683	BUCK MOUNTAIN	FB2	154.7850
KNIIY684	LAND MOBILE CONTROL STATION	FX1	155.5200
KNIIY684	FLORENCE, OR	FB	154.7850
KNIIY685	ROMAN NOSE	FB2	154.7850
KNNI941	LAND MOBILE CONTROL STATION	FX1	155.4600
KOL239	OSP OFFICE PORTLAND	FB	159.0300
			155.9100
KQV430	AREA OF OPERATION MARION COUNTY	MO	159.1500
KQV430	LAND MOBILE CONTROL STATION	FX1	159.1500
KQV430	PROSPECT HILL	FB2	155.9100
KQV430	MOUNT HEBO	FB2	155.9100
KQV430	CHEHALEM MOUNTAIN	FB2	155.9100
KQV430	8 MI SE ROSE LODGE	FB2, FB	155.9100
KQV430	SALEM, OR	FB	155.9100
WDF841	OSP OFFICE BEAVERTON, OR	FX1	155.5050
		FB	154.9350
WDF842	OSP OFFICE PORTLAND, OR	FX1	155.4600
WFR330	ASHLAND, OR	FX1	154.9350
WGC604	LAND MOBILE CONTROL STATION	FX1	155.4450
WGC604	AREA OF OPERATION BEND OR & DESCUTES COUNTY	MO	155.4450

Oregon State Police <u>VHF</u> Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
WGC647	BUCK MT	FX1	155.4450
WGC647	BUCK MT	FB	154.8600
WNAQ586	LADD CANYON	FX1	158.9550
WNAQ586	LAND MOBILE CONTROL STATION	FX1	158.9550
WNAQ586	AREA OF OPERATION LADD CANYON	MO	158.9550
WNAQ586	MOUNT EMILY	FB2	154.6800
WNAQ586	MOUNT FANNY	FB2	154.6800
WNAQ586	LADD CANYON	FB2, FB	154.6800
WNAQ587	BLACK MTN	FB2	154.9050
WNAQ588	SPOUT SPRINGS	FB2	154.9050
WNAQ838	MT SEXTON	FB2	154.6800
WNAQ839	BURNS BUTTE	FX1	155.4600
WNAQ839	BURNS BUTTE	FB	154.9050
WNAQ840	MEDFORD, OR	FB	154.6800
		FX1	159.0300
WNAQ841	BEAVER	FB2	154.9050
WNAQ842	MOUNT ASHLAND	FB2	154.6800
WNAQ845	MT HOWARD	FB2	154.9050
WNAQ846	ALDRICH MTN	FB2	154.9050
WNAQ847	SUMMITT LOOKOUT	FB2	154.9050
WNAQ848	LAND MOBILE CONTROL STATION	FX1	155.4600
WNAQ848	MILTON FREEWATER, OR	FB	154.9050
WNAQ849	LAND MOBILE CONTROL STATION	FX1	155.4600
WNAQ849	ENTERPRISE, OR	FB	154.9050
WNAQ850	AREA OF OPERATION FALLS MTN	MO	154.7850
			154.9050
			155.4600
			159.2100
WNAQ850	LAND MOBILE CONTROL STATION	FX1	155.4600
WNAQ850	FALLS MTN	FB2	154.9050
WNAQ850	JOHN DAY OR	FB	154.9050
WNAQ851	LAND MOBILE CONTROL STATION	FX1	155.4600
WNAQ851	HERMISTON, OR	FB	154.9050
WNAQ852	LAND MOBILE CONTROL STATION	FX1	155.4600
WNAQ852	TIMBERLINE MAIN STATION	FB	154.9050
WNAU894	ONION MOUNTAIN	FB2	154.6800
WNBC294	BEAVER	FX1	155.4600
WNBL358	AREA OF OPERATION CABBAGE HILL	MO	154.9050
			155.4600
WNBL358	INDIAN HILLS	FX1	155.4600
WNBL358	LAND MOBILE CONTROL STATION	FX1	155.4600
WNBL358	CABBAGE HILL	FB2, FB	154.9050
WNBL358	INDIAN HILLS	FB	154.9050

Oregon State Police <u>VHF</u> Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
WNCQ867	AREA OF OPERATION COUNTIES		156.2250
WNCQ867	WASHINGTON YAMILL	MO	159.1010
WNCQ867	SALEM, OR	FX1	159.1050
WNCQ867	OSP OFFICE MCMINNVILLE OR	FX1	159.1050
WNCQ867	LAND MOBILE CONTROL STATION	FX1	159.1050
WNCQ867	CHEHALEM MOUNTAIN	FB2	156.2225
WNCQ867	HIGH HEAVEN	FB2	156.2225
WNCQ867	MOUNT HEBO	FB2	156.2225
WNCQ867	SALEM, OR	FB	156.2225
WNCQ867	OSP OFFICE MCMINNVILLE OR	FB	156.2225
WNDM948	FAREWELL BEND, OR	FX1	155.4600
WNDM948	FAREWELL BEND, OR	FB	154.9050
WNEB887	PILOT BUTTE	FX1	159.0300
WNEB887	PILOT BUTTE	FB	154.9200
WNFK355	LAND MOBILE CONTROL STATION	FX1	159.1500
WNFK355	LAND MOBILE CONTROL STATION	FX1	155.4600
WNFK876	AREA OF OPERATION COUNTIES HARNEY		154.9350
WNFK876	MALHEUR	MO	155.5050
WNFK876	ONTARIO, OR	FX1	155.5050
WNFK876	LAND MOBILE CONTROL STATION	FX1	155.5050
WNFK876	COTTONWOOD MOUNTAIN	FB2	154.9350
WNFK876	ONTARIO, OR	FB	154.9350
WNFK877	NICOLAI MOUNTAIN	FB2	156.1500
WNFK878	PORT OF ENTRY WOODBURN, OR	FX1	159.1500
WNFK878	PORT OF ENTRY WOODBURN, OR	FX1	155.4600
WNFK879	SALEM, OR	FX1	159.1500
WNFK879	SALEM, OR	FB	155.9100
WNFK879	SALEM, OR	FX1	155.4600
WNFK879	SALEM, OR	FX1	155.4450
WNFK879	SALEM, OR	FB	154.9350
WNFK879	SALEM, OR	FB	154.8600
WNFK879	SALEM, OR	FX1	154.6650
WNFK880	BURNS BUTTE	FX1	155.4450
WNFK880	BURNS BUTTE	FB	154.8600
WNFK880	KING MOUNTAIN	FB2	154.8600
WNFU411	NICOLAI MOUNTAIN	FB2	154.9050
WNFU419	YREKA, CA	FX1	159.0300
WNFU423	DIXIE BUTTE	FB2	154.9050
WNID346	GLASS BUTTE	FB2	154.8600
WNID350	GRISSLEY BUTTE	FX1	159.1500
WNID350	BENNETTE BUTTE	FX1	159.1500
WNID350	AREA OF OPERATION CURRY COUNTY	MO	159.1500
WNID350	GRISSLEY BUTTE	FB2	155.9100

Oregon State Police <u>VHF</u> Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
WNID350	BOSLEY BUTTE	FB2	155.9100
WNID350	IRON MOUNTAIN	FB2	155.9100
WNID350	EDSON BUTTE	FB2	155.9100
WNID359	AREA OF OPERATION ROCKVILLE, OR	MO	155.9325 159.2100
WNID359	AREA OF OPERATION JUNTURA, OR	MO	154.6575 158.7375
WNID359	LAND MOBILE CONTROL STATION	FX1	158.7375
WNID359	BLUE MOUNTAIN	FB2	155.9325
WNID359	7 MI SW JUNTURA, OR	FB2	154.8600
WNID359	9 MI SW ROCKVILLE, OR	FB2	154.6570
WNID363	CRATER LAKE RIM	FB2	154.6800
WNIG952	BUXTON LOOKOUT	FB2	156.2250
WNJN920	AREA OF OPERATION UMATILLA COUNTY	MO	154.6500 159.0300
WNJN920	HERMISTON, OR	FX1	159.0300
WNJN920	U & I FARM SITE	FB2	154.6500
WNJN920	HERMISTON, OR	FB	154.6500
WNK881	ROXY ANNE	FX1	159.0300
WNK881	ROXY ANNE	FB	154.6800
WNKH974	AREA OF OPERATION DOUGLAS COUNTY	MO	154.8150 154.9200 155.5050
WNKH974	ROSE HILL	FX1	155.5050
WNKH974	CHILKOOT MOUNTAIN	FB2	154.9200
WNKH974	YELLOW BUTTE	FB2	154.8150
WNKH974	ROSE HILL	FB2	154.8150
WNKW507	AREA OF OPERATION ALBANY, OR	MO	154.6650 159.0300
WNKW507	OSP OFFICE ALBANY, OR	FX1	159.0300
WNKW507	OSP OFFICE ALBANY, OR	FX1	155.4450
WNKW507	OSP OFFICE ALBANY, OR	FB	154.6650
WNKX636	ROMAN NOSE	FB2	154.8600
WNLA339	SIGNAL TREE	FB2	154.8600
WNLB626	BENNETTE BUTTE	FB2	154.8600
WNLB627	BUXTON MT	FB2	156.1500
WNLB628	GOAT MOUNTAIN	FB2	154.9350
WNLH372	LIME HILL	FB2	154.9350
WNLH373	COXCOMB HILL	FB	154.9050
WNLH373	COXCOMB HILL	FX1	154.4450
WNLN398	ONTARIO, OR	FX1	155.4600 155.5050

Oregon State Police <u>VHF</u> Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
WNLP416	VALE, OR	FX1	155.4450 155.4600 155.5050
WNLS755	WALKER POINT	FB2	154.8450
WNLS755	AREA OF OPERATION LANE COUNTY	MO	154.8450
WNLS756	I-5 AT BELTLINE & EUGENE	FX1	155.5200
WNLS756	BUCK MOUNTAIN	FB2	154.8450
WNLX648	LAND MOBILE CONTROL STATION	FX1	155.5800
WNLX648	AREA OF OPERATION LINCOLN COUNTY	MO	155.5800
WNLX648	ONTARIO, OR	FX1	155.5050
WNLX648	LAND MOBILE CONTROL STATION	FX1	155.5050
WNLX648	ONTARIO, OR	FB2, FB	154.9350
WNLX648	TABLE MOUNTAIN	FB2, FB	154.9350
WNLX648	EUCHRE MOUNTAIN	FB2, FB	154.9350
WNMU912	HOWARD BUTTE	FX1	155.4600
WNMU912	HOWARD BUTTE	FB2	154.9050
WNNG200	STARVEOUT MOUNTAIN	FB2	154.8150
WNQH601	MOUNT ISABELLE	FB2	154.7850
WNQH955	BALDY BUTTE	FB2	154.8600
WNQH956	AREA OF OPERATION COTTAGE GROVE	MO	154.9050 155.4600 159.0900
WNQH956	9 MI NE COTTAGE	FX1	159.0900
WNQH956	LAND MOBILE CONTROL STATION	FX1	159.0900
WNQH956	HARNESS MOUNTAIN	FX1	155.4600
WNQH956	HARNESS MOUNTAIN	FB2	154.9050
WNQH956	12 MI SE COTTAGE GROVE	FB2, FB	154.9050
WNQH956	10 KM WSW SPRINGFIELD	FB2, FB	154.9050
WNQH962	EIGHT DOLLAR MOUNTAIN	FB2	154.7850
WNQJ379	YELLOW BUTTE	FB2	154.9050
WNQJ379	YELLOW BUTTE	FB2	154.8600
WNQM529	POLIVKA HILL	FB2	154.9350
WNQM905	AREA OF OPERATION AROUND MOUNT HAGEN	MO	154.7700 155.3100
WNQM905	LAND MOBILE CONTROL STATION	FX1	155.3100
WNQM905	MOUNT HAGEN	FB2	154.7700
WNQW392	DODSON MOUNTAIN	FB2	154.8150
WNXD389	AREA OF OPERATION SCOTT MTN	MO	154.6650 159.0300
WNXD389	SCOTT MOUNTAIN (Lynn County)	FB2	154.6650
WNXD389	MARY'S PEAK	FB2	154.6650
WNXD389	SNOW PEAK	FB2	154.6650
WNXD389	PROSPECT HILL	FB2	154.6650

Oregon State Police <u>VHF</u> Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
WNXD389	BALD MOUNTAIN	FB2	154.6650
WNXX334	BEARWALLOW BUTTE	FB2	154.7850
WNXX334	HOODOO BUTTE	FB2	154.7850
WNYF874	SALEM, OR	FB	154.9350 156.0300
WNYF874	SALEM, OR	FX1	155.4450
WNYF878	OSP OFFICE GILCHRIST	FX1	159.0300
WNY221	WHITE CITY, OR	FX1	159.0300
WNZE909	AREA OF OPERATION SALEM, OR	MO	154.7850 155.5050
WNZE909	LAND MOBILE CONTROL STATION	FX1	155.5050
WNZE909	CENTER & SUMMER ST. SALEM, OR	FB2	154.7850
WNZE909	SALEM, OR	FB2	154.7850
WNZN460	AREA OF OPERATION TILLAMOOK	MO	154.8600 158.9100
WNZN460	OSP OFFICE TILLAMOOK, OR	FX1	158.9100
WNZN460	OSP OFFICE TILLAMOOK, OR	FB2, FB	154.8600
WNZN460	MOUNT WILLIAM	FB2, FB	154.8600
WNZN460	MOUNT HEB0	FB2, FB	154.8600
WNZN460	CAPE LOOKOUT	FB2, FB	154.8600
WNZN460	LAND MOBILE CONTROL STATION	FX1	154.8600
WNZQ829	BANKS, OR	FX1	159.1050
WNZW590	AREA OPEATION BEAVER MOUNTAIN	MO	155.9100 159.0300
WNZW590	5 MI SE BAKER CITY	FX1	159.0300
WNZW590	LAND MOBILE CONTROL STATION	FX1	159.0300
WNZW590	BEAVER MOUNTAIN	FB2	155.9100
WNZW590	LIME HILL	FB2	155.9100
WNZW590	SUMMITT	FB2	155.9100
WNZW590	5 MI SE BAKER CITY	FB2	155.9100
WPBW866	AREA OF OPERATION AROUND BAKEOVER HILL	MO	155.9100 159.2100
WPBW866	BAKEOVER HILL	FB2	155.9100
WPBW866	UNDERWOOD MOUNTAIN	FB2	155.9100
WPBW866	HAYSTACK	FB2	155.9100
WPBW866	MIDDLE MOUNTAIN	FB2	155.9100
WPCB718	AREA OF OPERATION PGE WEST HILLS	MO	159.1500
WPCB718	AREA OF OPERATION BALD MOUNTAIN	MO	159.1500
WPCB718	PGE WEST HILLS SITE	FB2	155.9100
WPCB718	BALD MOUNTAIN	FB2	155.9100
WPCD655	LAND MOBILE CONTROL STATION	FX1	158.9100
WPCD655	AREA OF OPERATION AROUND SNOWPEAK	MO	158.9100

Oregon State Police <u>VHF</u> Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
WPCD655	SNOWPEAK	FB2	154.8600
WPCD655	GREEN PETER	FB2	154.8600
WPCD655	PETERSON BUTTE	FB2	154.8600
WPCD655	HALLS RIDGE	FB2	154.8600
WPCD655	HOODOO BUTTE	FB2	154.8600
WPCD655	SCOTT MOUNTAIN (Lynn County)	FB2	154.8600
WPCG426	PRINEVILLE, OR	FX1	159.3000
WPES398	PETERSON BUTTE	FB2	154.6650
			155.9100
WPES434	AREA OF OPERATION AUGSPERGER	MO	159.2100
WPES434	AREA OF OPERATION WASCO COUNTY	FX1T	159.2100
WPES434	LAND MOBILE CONTROL STATION	FX1	159.2100
WPES434	AUGSPURGER MOUNTAIN	FB2	155.9100
WPES434	TYGH RIDGE	FB2, FB	155.9100
WPES434	CELL ONE SITE - CONDON	FB2	155.9100
WPES434	ROOSEVELT MOUNTAIN	FB2	155.9100
WPES434	CELL ONE SITE - SHANIKO	FB2	155.9100
WPES434	GORDON RIDGE	FB2	155.9100
WPGZ916	AGENCY PLAINS	MO	159.0300
WPGZ916	AGENCY PLAINS	FB2	155.9100
WPGZ916	AGENCY PLAINS	FB2, FB	154.7850
WPHW992	BEAR MOUNTAIN	FB2	154.8450
WPHW992	YELLOW BUTTE	FB2	154.8450
WPHW992	SPORES POINT	FB2	154.8450
			154.6500
WPHZ210	AREA OF OPERATION MOUNT WILSON	MO	159.1500
WPHZ210	OSP OFFICE MILTON FREEWATER	FX1	159.1500
WPHZ210	MOUNT WESTON	FB2	154.6500
WPHZ476	GLEASON BUTTE	FB	154.2800
WPHZ476	COOMBS CANYON MW SITE	FB	154.2800
WPIC236	SILLUSI BUTTE	FB	159.3450
WPIC236	AREA OF OPERATION AROUND SILLUSI BUUTE	MO	159.3450
WPIC670	MEGLER BRIDGE	FB2	156.1500
WPIC670	AREA OF OPERATION MEGLER BRIDGE	MO	156.1500
WPIC970	AREA OF OPERATION AROUND MOUNT HOOD SITE	MO	154.9050
WPIC970	MOUNT HOOD SITE	FB2	154.9050
WPIG468	SADDLEBAG MOUNTAIN	FB2	155.3100
WPIG468	AREA OF OPERATION AROUND SADDLEBAG MOUNTAIN	MO	155.3100
WPIP294	LAND MOBILE CONTROL STATION	FX1	159.0900

Oregon State Police <u>VHF</u> Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
WPIP294	AREA OF OPERATION CLACKAMAS COUNTY	MO	159.0900
WPIZ335	YELLOW BUTTE	FB2	156.1500
WPIZ335	AREA OF OPERATION AROUND YELLOW BUTTE	FB2	156.1500
WPKA928	AREA OF OPERATION STATEWIDE	MO	155.3400
WPKF805	TILAMOOK HEAD	FB2	156.1500
WPKG503	AREA OF OPERATION RANCHERIA ROCK	MO	154.9350 159.1500
WPKG503	13 MI SW MITCHELL, OR	FX1	159.1500
WPKG503	LAND MOBILE CONTROL STATION	FX1	159.1500
WPKG503	RANCHERIA ROCK	FB2	154.9350
WPKG503	TAMERACK MT	FB2	154.9350
WPKG503	10 MI E MITCHELL, OR	FB2, FB	154.9350
WPKG503	8 MI SW MITCHELL, OR	FB2	154.9350
WPKJ419	STACKER BUTTE	FB2	155.9100
WPKP566	WHALEHEAD MOUNTAIN	FB2	155.5500
WPKP566	AREA OF OPERATION AROUND WHALEHEAD	MO	155.5500
WPYD870	AREA OF OPERATION LAKEVIEW, OR	MO	154.8450 155.4600
WPYD870	AREA OF OPERATION ADEL, OR	MO	154.8450 155.4600
WPYD870	AREA OF OPERATION PAISLEY, OR	MO	154.8450 155.4600
WPYD870	3.5 KM NE LAKEVIEW	FB, FX1	155.4600
WPYD870	LAKEVIEW, OR	FX1	155.4600
WPYD870	LAND MOBILE CONTROL STATION	FX1	155.4600
WPYD870	25.7 MI NW LAKEVIEW, OR	FB2	154.8450
WPYD870	TAXLOT 1700 ADEL, OR	FB2	154.8450
WPYD870	25.3 KM S PAISLEY, OR	FB2	154.8450
WPYD870	3.5 KM NE LAKEVIEW	FB	154.8450
WQDD261	PORTLAND, OR - MULTNOMAH COUNTY	FB	173.0750
WQDD261	SALEM, OR	FB	173.0750
WQDD261	KALAMA, OR	FB	173.0750
WQDD261	PORTLAND, OR CLACKAMAS COUNTY	FB	173.0750
WQDD261	STATEWIDE	MO	173.0750
WQEU699	AREA OF OPERATION COUNCIL CREST, PORTLAND, OR	MO	154.6500 154.9350 159.0300 159.0900
WQEU699	LAND MOBILE CONTROL STATION	FX1	159.0900
WQEU699	LAND MOBILE CONTROL STATION	FX1	159.0300
WQEU699	COUNCIL CREST, PORTLAND, OR	FB2, FB	154.9350

Oregon State Police <u>VHF</u> Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
WQEU699	COUNCIL CREST, PORTLAND, OR	FB2, FB	154.6500
WQEV595	AREA OF OPERATION MT ISABELLE	MO	154.6800 159.0300
WQEV595	LAND MOBILE CONTROL STATION	FX1	159.0300
WQEV595	MT ISABELLE	FB2, FB	154.6800
WQEV658	AREA OF OPERATION MOUNT HAGEN	MO	154.7700 155.3100
WQEV658	AREA OPERAION BEAR MOUNTAIN	MO	154.7700 155.3100
WQEV658	AREA OF OPERATION SPRINGFIELD	MO	154.7700 155.3100
WQEV658	BEAR MTN	FX1	155.3100
WQEV658	SPRINGFIELD PO, SPRINGFIELD, OR	FX1	155.3100
WQEV658	LAND MOBILE CONTROL STATION	FX1	155.3100
WQEV658	MOUNT HAGEN	FB2, FB	154.7700
WQEV658	BEAR MTN	FB	154.7700
WQEV664	AREA OF OPERATION CHEMULT, OR	MO	154.9350 159.0900
WQEV664	AREA OF OPERATION SUMMER LAKE	MO	154.9350 159.0900
WQEV664	AREA OF OPERATION LA PINE	MO	154.9350 159.0900
WQEV664	11 KM W LA PINE, OR	FX1	159.0900
WQEV664	LAND MOBILE CONTROL STATION	FX1	159.0900
WQEV664	11 KM NE CHEMULT, OR	FB2, FB	154.9350
WQEV664	8 KM W SUMMER LAKE, OR	FB2, FB	154.9350
WQEV664	11 KM W LA PINE, OR	FB2, FB	154.9350
WQEV665	AREA OF OPERATION JEFFERSON, WHEELER, LAKE, CROOK, DESCUTES COUNTIES	MO	154.7850 159.0300
WQEV665	LAND MOBILE CONTROL STATION	FX1	159.0300
WQEV665	PILOT BUTTE	FB2	154.7850
WQEV665	POWELL BUTTE	FB2	154.7850
WQEV665	STEVENSON MOUNTAIN	FB2	154.7850
WQEV665	MOUNT PISGAH	FB2	154.7850
WQEV665	GLASS BUTTE	FB2	154.7850
WQEV665	PINE MOUNTAIN	FB2	154.7850
WQEV766	AREA OF OPERATION MT ISABELLE	MO	154.7850 159.2100
WQEV766	MT ISABELLE	FX1	159.2100
WQEV766	LAND MOBILE CONTROL STATION	FX1	159.2100
WQEV766	11 MI N GRANTS PASS, OR	FB2	154.7850
WQEV766	13 MI W GRANTS PASS, OR	FB2	154.7850
WQEV766	MT ISABELLE	FB2	154.7850

Oregon State Police <u>VHF</u> Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
WQEV794	16 KM NE HEPPNER OR	FX1	159.0300
WQEV794	16 KM NE HEPPNER OR	FX1	155.5950
WQEV794	4.3 KM E HEPPNER, OR	FX1	155.5950
WQFK762	WAMPUS BUTTE	FB2	154.7850
WQFK762	MOUNT BACHELOR	FB2	154.7850
WQFK762	GRIZZLY MOUNTAIN	FB2	154.7850
WQFK968	11.2 KN NW THE DALLES	FB2	155.9100
WQHA415	CURRY COUNTY	MO, MO3	153.7550
WQHA415	COOS COUNTY	MO, MO3	153.7550
WQHA415	CLATSOP COUNTY	MO, MO3	153.7550
WQHA415	TILLAMOOK COUNTY	MO, MO3	153.7550
WQHA415	LINCOLN COUNTY	MO, MO3	153.7550
WQHA415	LANE COUNTY	MO, MO3	153.7550
WQHA415	LINN COUNTY	MO, MO3	153.7550
WQHA415	DOUGLAS COUNTY	MO, MO3	153.7550
WQHA415	YAMHILL COUNTY	MO, MO3	153.7550
WQHA415	POLK COUNTY	MO, MO3	153.7550
WQHA415	BENTON COUNTY	MO, MO3	153.7550
WQHA415	JOSEPHINE COUNTY	MO, MO3	153.7550
WQHA415	JACKSON COUNTY	MO, MO3	153.7550
WQHA415	MARION COUNTY	MO, MO3	153.7550
WQHA415	COLUMBIA COUNTY	MO, MO3	153.7550
WQIB432	TULELAKE, CA SISKIYOU COUNTY	FX1	155.5800
WQIB432	TULELAKE, CA SISKIYOU COUNTY	FB	154.0250
WQIB432	AREA AROUND SISKIYOU COUNTY	MO	154.0250
WQJG401	AREA OF OPERATION CHEMULT, OR	MO	159.2100
WQJG401	27 KM W CHEMULT, OR	FB2	151.2950
WQJG401	27 KM W CHEMULT, OR	FB	151.2100
WQJN250	LAKEVIEW, OR	FX1	155.4600
WQJN250	LAKEVIEW, OR	FB	154.8450
WQLM462	AREA OF OPERATION KENO, OR	MO	155.5800
WQLM462	7 KM SE KENO, OR	FB2	154.6950
WQMA926	26 KM MILE POST HWY 95 JORDAN VALLEY, OR	FB	156.1950
WQMA926	AREA OF OPERATION JORDAN VALLEY, OR	MO	156.1950
WQNA876	AREA OF OPERATION HARNEY COUNTY	MO	155.4450
WQNA876	22 MILESE FRECHGLEN OR	FB2	154.8600
WQOR253	10.5 KM WNW THE DALLES	FB2	155.9100
WQOX755	BROOKINGS	FB2	155.9100
WQOX981	LAND MOBILE CONTROL STATION	FX1	155.4600
WQOX981	ODOT SAND PIT - FLORA OR	FB	153.7925
WQOX981	AREA OF OPERATION FLORE, OR	MO	153.7925

Oregon State Police <u>VHF</u> Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
WQU456	GREEN PETER	FB2	154.8600
WQU456	GREEN PETER	FB	154.8600
WRG378	HOODOO BUTTE	FB2	154.8600
WRG378	HOODOO BUTTE	FB	154.8600
WYW974	HALL RIDGE	FB2	154.8600
WYW974	HALL RIDGE	FB	154.8600
WZX451	AREA OF OPERATION KLAMATH COUNTY	MO	154.6950
	AREA OF OPERATION AROUND MEDICINE MTN	MO	155.5800
WZX451	LAND MOBILE CONTROL STATION	FX1	155.5800
WZX451	PELICAN BUTTE	FB2	154.6950
WZX451	HOGBACK	FB2	154.6950
WZX451	KLAMATH FALLS	FB2, FB	154.6950
WZX451	MEDICINE MTN	FB2	154.6950

EXHIBIT 2
OSP - UHF

Oregon State Police UHF Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
KA77889	STATEWIDE	MO	460.5000 465.5000
KB24483	AREA OF OPERATION MIRA GRANTS PASS	MO	453.6625 458.6625
KB43910	AREA OF OPERATION MALHEUR CO	MO	453.9625 458.9625
KB63508	AREA OF OPERATION STATEWIDE	MO	458.9750
KB66105	AREA OPEATION PENDLETON OR	MO	458.9625
KB66106	AREA OPEATION BEAVER OR	MO	435.9625
KB66107	AREA OPEATION MIRA BAKER OR	MO	458.9625
KB66108	AREA OPEATION CABBAGE HILL OR	MO	435.9625
KB94125	AREA OF OPERATION CURRY COUNTY	MO	460.3125 465.3125
KD22720	AREA OF OPERATION POLK COUNTY	MO	460.3125 465.3125
KD23461	AREA OF OPERATION DESCHUTES COUNTY	MO	460.3125 465.3125
KR3287	AREA OF OPERATION COUNTIES BAKER MALHEUR	MO	465.2500
WNKH974	AREA OF OPERATION ROSE HILL	MO	460.3125 465.3125
WNKR365	STATEWIDE	FB2T	453.9750 458.9750
WNKR365	STATEWIDE	MOI	453.9750 458.9750
WNLH373	AREA OF OPERATION AROUND COXCOMB HILL	MO	460.3125 465.3125
WNMJ350	OSP OFFICE ONTARIO, OR	FX1	465.0250
WNMU912	AREA OF OPERATION AROUND HOWARD BUTTE	MO	460.3125 465.3125
WPEZ327	AREA OF OPERATION BLACK MOUNTAIN	MO	453.9500 458.9500
WPEZ327	MORROW COUNTY EOC	FX	458.9500
WPEZ327	UMATILLA ARMY DEPOT	FX	458.9500
WPEZ327	UMATILLA COUNTY COURTHOUSE	FX	458.9500
WPEZ327	BLACK MOUNTAIN	FB2	453.9500
WPEZ327	MORROW COUNTY EOC	FB	453.9500
WPEZ327	UMATILLA ARMY DEPOT	FB	453.9500
WPEZ327	UMATILLA COUNTY COURTHOUSE	FB	453.9500

Oregon State Police UHF Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ MHz
WPHZ210	AREA OF OPERATION MOUNT WILSON	MO	460.3125 465.3125
WQEV794	AREA OF OPERATION 16 KM NE HEPPNER OR	MO	453.9500 458.9500
WQEV794	6.4 KM NNE PLYMOUTH WA	FX1	458.9500
WQEV794	4.3 KM E HEPPNER, OR	FX1	458.9500
WQEV794	HERMISTON, OR	FX1	458.9500
WQEV794	16 KM NE HEPPNER OR	FB2	453.9500
WQEV794	6.4 KM NNE PLYMOUTH WA	FB2, FB	453.9500
WQEV794	4.3 KM E HEPPNER, OR	FB	453.9500
WQEV794	HERMISTON, OR	FB	453.9500

**EXHIBIT 3
ODOT - VHF**

Oregon Department of Transportation VHF Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ-MHz
KBM	INTERSTATE BRIDGE PORTLAND (MARINE COAST)	MO	156.4500 156.6500 156.8000
KC4319	STATEWIDE-MOBILE FREQUENCIES	MO	151.0250 151.0400 151.0700 151.0850 156.1350
KD27432	SALEM YARD PORTABLES/AREA OF OPERATION	MO	156.1200
KNEN657	DIST 7/CARPENTERVILLE SUMMIT	FB2	158.8050
KNEN657	DIST 7/CAPE BLANCO	FB2	158.8050
KNEN657	DIST 7/PORT ORFORD	FB	158.8050
KNEN657	DIST 7/HUNTER CREEK	FB	158.8050
KNEN657	DIST 7/BLEU RIDGE NORTH MTN	FB2	158.8050
KNEN657	DIST 7/BENNETT BUTTE	FX1 FB	156.0450 158.8050
KNEN657	AREA OF OPERATION	MO	156.0450 158.8050
KOG981	DIST 3/MAIN PROSPECT HILL	FB2	156.1350
KOG981	DIST 3/HALLS RIDGE	FB2	156.1350
KOG981	DIST 3/HOOODOO MTN	FB2	156.1350
KOG981	DIST 3/CHEHALEM MTN	FB2	156.1350
KOG981	DIST 3/BLDG B	FB FX1	156.1350 159.1950
KOG981	AREA OF OPERATION	MO	156.1350 159.1950
KVF862	LEWIS & CLARK DRAWBRIDGE (MARINE COAST)	FCL	156.4500 156.6500 156.8000
WHG913	VEHICULAR REPEATER/ASTORIA (MARINE COAST)	FCL2	156.4500 156.6500 156.8000
WHG914	YOUNGS BAY BRIDGE (MARINE COAST)	FCL	156.4500 156.6500 156.8000
WNFE469	DIST 14/BURNS BUTTE	FX1	151.0550
WNFE469	DIST 14/LAND MOBILE CONTROL STATION	FX1	151.0550
WNFE469	DIST 14/FALL MTN	FB2	154.0850
WNFE469	DIST 14/BLUE MTN	FB2	154.0850
WNFE469	DIST 14/BLACK BUTTE	FB2	154.0850

Oregon Department of Transportation VHF Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ-MHz
WNFE469	DIST 14/STEENS MTN WILDHORSE RIM	FB2	154.0850
WNFE469	DIST 14/AREA OF OPERATION - MALHEUR COUNTY	MO	151.0550 154.0850
WNFE470	DIST 14/ELKHORN MTN	FB2	154.0850
WNFE470	DIST 14/LIME HILL	FB2	154.0850
WNFE470	DIST 14/COTTONWOOD MTN	FB2	154.0850
WNFE470	DIST 14/KING MTN	FB2	154.0850
WNFE470	DIST 14/PHARMACY HILL	FB2	154.0850
WNFE470	AREA OF OPERATION - MALHEUR COUNTY	MO	151.0250 151.0400
WNFE470	DIST 14/VALE BUTTE	FB FX1	151.0550 154.0850
WNFN838	DIST 7/STARVEOUT PEAK	FB2	155.7750
WNFN838	DIST 7/SCOTT MTN (Douglas County)	FB2	155.7750
WNFN838	DIST 7/CHILCOOT MTN	FB2	155.7750
WNFN838	DIST 7/CANYONVILLE	FB	155.7750
WNFN838	DIST 7/DODSON MTN	FX1	159.1800
WNFN838	LAND MOBILE CONTROL STATION	FX1	159.1800
WNFN838	AREA OF OPERATION - DOUGLAS COUNTY	MO	155.7750 159.1800
WNFN838	AREA OF OPERATION (SPECIAL CONDITION)	FBT FX1T	155.7750 159.1800
WNFQ363	DIST 8/ROXY ANN MTN	FX1	151.0550
WNFQ363	LAND MOBILE CONTROL STATION	FX1	151.0550
WNFQ363	DIST 8/SODA MTN	FB2	158.8200
WNFQ363	DIST 8/HALLS POINT	FB2	158.8200
WNFQ363	DIST 8/FIDDLER BUTTE	FB2	158.8200
WNFQ363	DIST 8/MT ISABELLE	FB2	158.8200
WNFQ363	AREA OF OPERATION - JACKSON COUNTY	FX1T FBT	151.0550 158.8200
WNFQ363	AREA OF OPERATION: JACKSON COUNTY	MO	151.0550 158.8200
WNFZ722	DIST 13/MT EMILY	FB2	156.1650
WNFZ722	DIST 13/LONE PINE MTN	FB2	156.1650
WNFZ722	DIST 13/ELK MTN	FB2	156.1650
WNFZ722	DIST 13/HALFWAY HILL	FB2	156.1650
WNFZ722	LAND MOBILE CONTROL STATION	FX1	159.1800
WNFZ722	AREA OF OPERATION - WALLOWAS COUNTY	MO	151.0250 151.0700 156.1650 159.1800
WNGP500	BLACK MTN	FB	156.1350
WNGP500	BENNETT BUTTE	FB	156.1350

Oregon Department of Transportation VHF Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ-MHz
WNGP500	BUCK MTN	FB	156.1350
WNGP500	BURNS BUTTE	FB	156.1350
WNGP500	CHEHALEM MTN	FB	156.1350
WNGP500	DEAD INDIAN MTN	FB	156.1350
WNGP501	SODA MTN	FB	156.1350
WNGP501	STACKER BUTTE	FB	156.1350
WNGP501	WALKER MTN	FB	156.1350
WNGP502	DODSON MTN	FB	156.1350
WNGP502	ELKHORN MTN	FB	156.1350
WNGP502	GLASS BUTTE	FB	156.1350
WNGP502	GRIZZLY MTN	FB	156.1350
WNGP502	HAMAKER MTN	FB	156.1350
WNGP502	HOODOO MTN	FB	156.1350
WNGP503	LIME HILL	FB	156.1350
WNGP503	MARYS PEAK	FB	156.1350
WNGP503	MT EMILY	FB	156.1350
WNGP503	MT HEBO	FB	156.1350
WNGP503	ROOSEVELT MTN	FB	156.1350
WNGP503	SKAMANIA MTN	FB	156.1350
WNHE447	DIST 5/LAND MOBILE CONTROL STATION	FX1	151.0100
WNHE447	DIST 5/WOLF MTN	FB2	158.7450
WNHE447	DIST 5/MT HAGAN	FB2	158.7450
WNHE447	DIST 5/HERMAN PEAK	FB2	158.7450
WNHE447	DIST 5/AREA OF OPERATION LANE CO	MO	151.0100
			151.0400
			151.0700
			151.0850
			158.7450
WNHE447	DIST 5/BUCK MTN	FX1	151.0100
		FB2	158.7450
WNHE447	DIST 5/AREA OF OPERATION LANE CO	FX1T	151.0100
		FB2T	158.7450
WNHE496	LAND MOBILE CONTROL STATION	FX1	151.1000
WNHE496	DIST 10/GRIZZLY MTN	FB2	156.0600
WNHE496	DIST 10/MT PISGAH	FB2	156.0600
WNHE496	DIST 10/WALKER MTN	FB2	156.0600
WNHE496	DIST 10/PINE MTN	FB2	156.0600
WNHE496	DIST 10/DEAD INDIAN MTN	FB2	156.0600
WNHE496	LAND MOBILE CONTROL STATION	FX1	156.0750
WNHE496	AREA OF OPERATION DESCHUTES CO	MO	151.1000
			156.0600
WNHT289	DIST 12/BLACK MTN	FB2	151.0850
WNHT289	DIST 12/TAMARACK MTN	FB2	151.0850

Oregon Department of Transportation VHF Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ-MHz
WNHT289	DIST 12/MT EMILY	FB2	151.0850
WNHT289	DIST 12/HERMISTON ODOT MAINT STA	FB2	151.0850
WNHT289	DIST 12/CABBAGE HILL	FB2	151.0850
		FX1	156.0750
WNHT289	AREA OF OPERATION UMATILLA & MORROW COUNTIES		151.0850
		MO	156.0750
WNIC471	DIST 4/SCOTT MTN (Linn County)	FB2	151.0250
WNIC471	DIST 4/MT HEBO	FB2	151.0250
WNIC471	DIST 4/MARY'S PEAK	FB2	151.0250
WNIC471	DIST 4/TABLE MTN	FB2	151.0250
WNIC471	DIST 4/EUCHRE MTN	FB2	151.0250
WNIC471	LAND MOBILE CONTROL STATION	FX1	159.0750
WNIC471	AREA OF OPERATION: LINN, BENTON, POLK, LINCOLN CO		151.0250
		MO	159.0750
WNIF413	DIST 9/STACKER BUTTE	FB2	156.0450
WNIF413	DIST 9/ROOSEVELT HILL	FB2	156.0450
WNIF413	DIST 9/HAYSTACK BUTTE	FB2	156.0450
WNIF413	DIST 9/TYGH RIDGE	FB2	156.0450
WNIF413	DIST 9/CONDON	FB2	156.0450
WNIF413	DIST 9/WARM SPRINGS JCT	FB2	156.0450
WNIF413	DIST 9/LAND MOBILE CONTROL STATION	FX1	156.0450
WNIF413	DIST 9/AREA OF OPERATION WASCO CO	FBT	156.0450
		FX1T	159.0450
WNIF413	DIST 9/AREA OF OPERATION WASCO CO		156.0450
		MO	159.0450
WNJC994	DIST 1/LAND MOBILE CONTROL STATION	FX1	151.1300
WNJC994	DIST 1/WICKIUP MTN	FB2	159.0000
WNJC994	DIST 1/MT HEBO	FB2	159.0000
WNJC994	DIST 1/AREA OF OPERATION TILLAMOCK CO		151.1300
		MO	159.0000
WNLF749	DIST 14/MCDERMITT HWY MAINT STA	FB	154.085
WNLF749	DIST 14/JORDAN VALLEY HWY MAINT STA	FB	154.085
WNLF749	DIST 14/AREA OF OPERATION	FX1T	151.0550
		FBT	154.0850
WNLF753	DIST 14/ONTARIO	FB	154.0850
WNLF753	DIST 14/AUSTIN HWY MAINT STA	FB	154.0850
WNLF753	DIST 14/JOHN DAY HWY MAINT STA	FB	154.0850
WNLF753	DIST 14/BURNS	FB	154.0850
WNLF753	DIST 14/JUNTURA HWY MAINT STA	FB	154.0850
WNLF753	DIST 14/VALE	FB	154.0850
WNMJ737	DIST 1/WARRENTON	FB	159.0000
WNMJ737	DIST 1/SEASIDE	FB	159.0000
WNMJ737	DIST 1/ASTORIA NEW YOUNGS BAY BRIDGE	FB	159.0000

Oregon Department of Transportation VHF Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ-MHz
WNMJ737	DIST 1/AREA OF OPERATION	FBT	159.0000
WNMM405	DIST 13/LA GRANDE	FB	156.1650
WNMM405	DIST 13/BAKER	FB	156.1650
WNMM405	DIST 13/ENTERPRISE	FB	156.1650
WNMM405	DIST 13/ELGIN	FB	156.1650
WNMM405	DIST 13/RICHLAND	FB	156.1650
WNMM405	DIST 13/AREA OF OPERATION	FBT	156.1650
WNP920	DIST 5/OAKRIDGE HIGHWAY MAINT STA	FB	158.7450
WNP920	DIST 5/ODELL LAKE HIGHWAY MAINT STA	FB	158.7450
WNP920	DIST 5/MCKENZIE BRIDGE HIGHWAY MAINT STA	FB	158.7450
WNP920	DIST 5/VENETA HIGHWAY MAINT STA	FB	158.7450
WNP920	DIST 5/FLORENCE HIGHWAY MAINT STA	FB	158.7450
WNXQ733	AREA OF OPERATION DESCHUTES COUNTY	MO	155.3400
WPDJ274	LAND MOBILE CONTROL STATION	FX1	151.1150
WPDJ274	SISKIYOU SUMMIT	FB2	156.0450
WPDJ274	AREA OF OPERATION JACKSON COUNTY	MO	151.1150 156.0450
WPDJ274	AREA OF OPERATION JACKSON COUNTY	FX1T FBT	151.1150 156.0450
WPEN729	DIST 10/ODOT MAINT STATION-BEND	FX1	151.1000
WPEN729	DIST 10/BACHELOR BUTTE	FB2	156.0600
WPEN729	DIST 10/ODOT MAINT STATION-SILVER LAKE	FB	156.0600
WPEN729	DIST 10/ODOT MAINT STATION-SISTERS	FB	156.0600
WPEN729	DIST 10/AREA OF OPERATION	FX1T FBT	151.1000 156.0600
WPEX803	DIST 11/GLASS BUTTE	FB2	151.0700
WPEX803	DIST 11/HOGBACK LOOKOUT	FB2	151.0700
WPEX803	DIST 11/HAMAKER MTN	FB2	151.0700
WPEX803	DIST 11/GRIZZLY PEAK	FB2	151.0700
WPEX803	DIST 11/PELICAN BUTTE	FB2	151.0700
WPEX803	DIST 11/FISH RIM	FB2	151.0700
WPEX803	LAND MOBILE CONTROL STATION	FX1	159.1950
WPEX803	AREA OF OPERATION KLAMATH COUNTY	FBT FX1T	151.0700 159.1950
WPEX803	AREA OF OPERATION KLAMATH COUNTY	MO	151.0700 159.1950
WPHA283	SUCCOR CREEK SUMMIT	FB	159.0450
WPHA283	AREA OF OPERATION	MO	159.0450
WPIC742	DIST 10/KEYES SUMMIT	FB	159.0000
WPIC742	DIST 10/ALDRICH MTN	FB	159.0000
WPIC742	AREA OF OPERATION WHEELER COUNTY	FX1T	159.0000
WPIC742	AREA OF OPERATION WHEELER COUNTY	MO	159.0000
WPJG822	DIST 2A/CHEHALEM MTN	FB2	151.0700

Oregon Department of Transportation VHF Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ-MHz
WPJG822	DIST 2A/SUNCREST	FB2	151.0700
WPJG822	DIST 2A/BUXTON MTN	FB2	151.0700
WPJG822	DIST 2A/RAINIER	FB2	151.0700
WPJG822	DIST 2A/COUNCIL CREST	FB2	151.0700
WPJG822	LAND MOBILE CONTROL STATION	FX1	156.0750
			151.0700
			151.1000
WPJG822	AREA OF OPERATION BUXTON MOUNTAIN	MO	156.0750
		FBT	151.0700
WPJG822	AREA OF OPERATION BUXTON MOUNTAIN	FX1T	156.0750
WPJL218	DIST 9/RANCH AREA ROCK	FB	151.0700
WPJP226	LAND MOBILE CONTROL STATION	FX1	153.8000
WPJP226	DIST 2B/MT SCOTT	FB2	154.1000
		FX1T	153.8000
WPJP226	AREA OF OPERATION CLACKAMAS COUNTY	FBT	154.1000
			153.8000
			154.1000
WPJP226	AREA OF OPERATION CLACKAMAS COUNTY	MO	155.7450
WPJP227	LAND MOBILE CONTROL STATION	FX1	150.9950
WPJP227	DIST 2C/SKAMANIA MTN	FB2	155.8200
WPJP227	DIST 2C/GOAT MTN	FB2	155.8200
WPJP227	DIST 2C/MIDDLE MTN	FB2	155.8200
		FX1T	150.9950
WPJP227	AREA OPERATION CLACKAMAS COUNTY	FBT	155.8200
			150.9950
			155.8200
WPJP227	AREA OPERATION CLACKAMAS COUNTY	MO	158.8200
WPKB709	MT WILSON	FB	155.7450
WPKB709	AREA OF OPERATION TILLAMOOK COUNTY	MO	155.7450
WPKF587	AREA OF OPERATION TILLAMOOK COUNTY	MO	153.9950
WPKH249	DIST 2C/GOVT CAMP ODOT MAINT STA	FB2	156.1950
WPKH249	DIST 2C/LAND MOBILE CONTROL STATION	FX1	159.1800
		FBT	156.1950
WPKH249	DIST 2C/AREA OF OPERATION	FX1T	159.1800
			156.1950
WPKH249	DIST 2C/AREA OF OPERATION	MO	159.1800
WPLG712	NEAHKAHNIE MTN	FB	159.1800
WPLG712	AREA OF OPERATION	MO	159.1800
WPLW670	ROBINSON BUTTE	FB	155.6250
WPLW670	AREA OF OPERATION JACKSON COUNTY	FBT	155.6250
WPLW670	AREA OF OPERATION JACKSON COUNTY	MO	155.6250
WPMH560	MEDICINE MTN	FB	151.0100
WPMH560	AREA OF OPERATION KLAMATH COUNTY	MO	151.0100

Oregon Department of Transportation VHF Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ-MHz
WPPD905	HARBOR HILL	FB	151.0700
WPPD905	AREA OF OPERATION CURRY COUNTY	MO	151.0700
WPPE571	DEAN MTN	FB2	156.0600
WPPE571	HARNESS MTN	FB2	159.1200
WPPE571	AREA OF OPERATION DOUGLAS COUNTY	FX1T	151.1150
		FBT	156.0600
		FBT	159.1200
		FX1T	159.1650
WPPE571	AREA OF OPERATION DOUGLAS COUNTY	MO	151.1150
			156.0600
			159.1200
			159.1650
WPPE571	LAND MOBILE CONTROL STATION	FX1	159.1650
WPPF433	WALKER MTN	FB	153.7850
WPPF433	AREA OF OPERATION KLAMATH COUNTY	MO	153.7850
WPQB984	COYNE POINT	FB	156.0750
WPQB984	AREA OF OPERATION MALHEUR COUNTY	MO	156.0750
WPQD846	HAMAKER MTN	FB	156.1950
WPQD846	AREA OF OPERATION KLAMATH COUNTY	MO	156.1950
WPQY807	WASCO BUTTE	FB2	156.0450
WPQY807	AREA OF OPERATION WASCO COUNTY	MO	156.0450
WPSY290	COUNCIL CREST	FB2	156.2025
WPSY290	AREA OF OPERATION MULTNOMAH COUNTY	FBT	158.1875
WPSY290	AREA OF OPERATION MULTNOMAH COUNTY	MO	156.2025
			159.1875
WPTC998	DIST 13/DEVIL'S RIDGE	FB	151.0400
WPTE878	SISTERS MAINT SHOP	FB	155.1450
WPTE878	AREA OF OPERATION DESCHUTES COUNTY	MO	155.1450
WPTP997	DEVILS RIDGE	FB	151.0400
WPTS564	DIST 10/GLASS BUTTE	FB	153.7850
WPTS564	AREA OF OPERATION LAKE COUNTY	MO	153.7850
WPUS740	ROUND PASS	FB	156.1350
WPUS740	AREA OF OPERATION LAKE COUNTY	MO	156.1350
WPVA881	AREA OF OPERATION JOSEPHINE COUNTY	MO	151.0100
WPVA881	AREA OF OPERATION JACKSONCOUNTY	MO	151.0100
WPVI702	INTERSTATE BRIDGE	FB	159.0000
WPVI702	AREA OF OPERATION CLARK COUNTY	MO	159.0000
WPVM219	BONE POINT FILL STATION	FB	158.9850
WPVM219	AREA OF OPERATION UMATILLACOUNTY	MO	158.9850
WPVM656	STEAMBOAT PROSPECT/HALLS POINT	FB2	151.0400
WPVM656	STEAMBOAT PROSPECT/CHILCOOT MTN	FB2	156.1350
WPVM656	STEAMBOAT PROSPECT LAND MOBILE CONTROL	FX1	159.1050

Oregon Department of Transportation VHF Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ-MHz
WPVM656	AREA OF OPERATION JACKSON COUNTY	MO	151.0400 159.1050
WPVM656	AREA OF OPERATION DOUGLAS COUNTY	MO	159.1050 156.1350
WPVN948	AREA OF OPERATION DOUGLAS COUNTY	MO	156.1950
WQAH869	WARM SPRINGS ODOT MAINT STATION	FXO	158.9925
WQAI427	GOVT CAMP ODOT MAINT STATION.	FXO	151.1075
WQAR649	STATEWIDE	MO	154.8525
WQAU334	AGENCY PLAINS	FB	153.7850
WQBK392	KEYES SUMMIT FILL STATION	FB	155.1450
WQDF230	INTERSTATE BRIDGE	FXO	158.9925
WQDF230	MARINE DR SIGN BRIDGE	FXO	158.9925
WQEB436	PROSPECT HILL	FXO	151.1075
WQEB436	6 KM S MONMOUTH OR	FXO	151.1075
WQEQ650	SIGNAL TREE	FB	156.1950
WQFA694	STATEWIDE-VHF FLAGGING FREQUENCIES	MO	156.0375 156.2325
WQFF474	LAND MOBILE CONTROL STATION DESCHUTES	FX1	151.1000
WQFF474	WANOGA SAND SHED FILL STATION	FB	156.2250
WQFF474	AREA OF OPERATION DESCHUTES COUNTY	MO	156.2250
WQFH628	SILLUSI BUTTE FILL STATION	FB	151.0550
WQFH628	LAND MOBILE CONTROL STATION	FX1	156.0750
WQFH628	AREA OF OPERATION BENTON COUNTY	MO	151.0550 156.0750
WQFS313	LAND MOBILE CONTROL STATION JOSEPHINE COUNTY	FX1	151.0550
WQFS313	SEXTON MTN	FB2	156.2400
WQFS313	AREA OF OPERATION JOSEPHINE COUNTY	MO	156.2400
WQGB859	LAND MOBILE CONTROL STATION UMATILLA COUNTY	FX1	156.0750
WQGB859	WESTON MTN/MILTON FREEWATER	FB	156.2400
WQGB859	AREA OF OPERATION OF UMATILLA COUNTY	MO	156.2400
WQGD288	HOWARD BUTTE	FB2	156.1650
WQGD288	AREA OF OPERATION WALLOWA COUNTY	MO	159.1800
WQIB262	SHEEPY RIDGE	FB	156.0000
WQIB262	AREA OF OPERATION SISKIYOU COUNTY	MO	156.0000
WQIB262	SHEEPY RIDGE	FX1	159.1950
WQJI948	POWELL BUTTE	FB2	156.0000
WQJI948	AREA OF OPERATION CROOK COUNTY	MO	151.1000 156.0600
WQKR363	AREA OF OPERATION MULTNOMAH COUNTY	MO	153.7625
WQLF580	SPOUTS SPRINGS	FB	153.7400
WQLF580	AREA OF OPERATION UNION COUNTY	MO	153.7400
WQLF580	LAND MOBILE CONTROL STATION UNION COUNTY	FX1	159.1800

Oregon Department of Transportation VHF Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ-MHz
WRD615	S SLOUGH BRIDGE (MOBILE-MC COASTAL GROUP)	FCL	156.4500 156.6500 156.8000

EXHIBIT 4
ODOT - UHF

Oregon Department of Transportation UHF Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ-MHz
KB74700	HALLS POINT/ROXY ANN	MO	453.4625 458.4625
KB80275	MEDFORD I-5	MO	458.2625
KB80276	BEND N MAIN CANAL BRIDGE	MO	458.2625
KB86683	COUNTYWIDE YAMHILL/CHEHALEM MTN	MO	453.4625 458.4625
KD50990	DIST 13 UHF LINK	MO	453.2625 453.3625 453.4625 458.2625 458.3625 458.4625
WNHT289	AREA OF OPERATION	MO	453.3625 458.3625
WPCR930	DIST 2C/GOAT MTN (UHF CONTROL)	MO	453.9625 458.9625
WPEQ272	WASCO CO(Tygh Ridge)	MO	453.4625 458.4625
WPGY302	HOOD RIVER	MO	453.6375 458.6375
WPKQ444	BETWEEN GRIZZLY MTN-FISH RIM/AREA OF OPERATION	MO	453.4625 458.4625
WPPE571	DEAN MTN	FX2	453.9625
WPPE571	BENNETT BUTTE	FX1	458.9625
WPQD961	WASCO BUTTE	MO	453.2625 458.2625
WPRV803	AREA OF OPERATION COUNTY DOUGLAS CURRY COOS	MO3	458.8625
WPSF961	STATEWIDE VEHICULAR REPEATER (except Dist 7)	MO3	458.9375
WPUT390	DIST 11 UHF LINK/ROUND PASS	MO	453.0625 458.0625
WPVB925	STEAMBOAT PROSPECT UHF CONTROLS/CHILCOOT MTN	FX1	453.9500
WPVB925	STEAMBOAT PROSPECT UHF CONTROLS/HARNESS MTN	FX1	453.9500
WPVB925	STEAMBOAT PROSPECT UHF CONTROLS/HALLS POINT	FX1	458.9500
WPVB925	STEAMBOAT PROSPECT UHF CONTROLS/STARVEOUT	FX1	458.9500
WPWE576	AREA OF OPERATION GILLIAM COUNTY	MO, MO3	458.5375
WPWE576	AREA OF OPERATION SHERMAN COUNTY	MO, MO3	458.5375
WPWE576	AREA OF OPERATION MORROW COUNTY	MO, MO3	458.5375

Oregon Department of Transportation UHF Call Signs and Frequencies			
CALL SIGN	SITE NAME	TYPE	TX FREQ-MHz
WPWE576	AREA OF OPERATION WASCO COUNTY	MO, MO3	458.5375
WPWE576	AREA OF OPERATION WHEELER COUNTY	MO, MO3	458.5375
WPZK773	DIST 9 UHF LINK/TYGH RIDGE	FX2	453.6500
WPZK773	DIST 9 UHF LINK/HAYSTACK BUTTE	FX1	458.6500
WQAJ686	YAQUINA BAY BRIDGE	FXO	458.1625
WQAJ686	YAQUINA BAY BRIDGE	FXO	458.1625
WQAJ686	YAQUINA BAY BRIDGE	FXO	458.1625
WQBP279	COUNTYWIDE - 29 COUNTIES	MO, MO3	458.6625
WQCT563	VALE BUTTE	FB	453.7375
WQCT563	LAND MOBILE CONTROL STATION MALHEUR COUNTY	FX1	458.7375
WQLP283	SIUSLAW RIVER BRIDGE RADIOS	FXO	458.1125
WQLP283	SIUSLAW RIVER BRIDGE RADIOS	FXO	458.1125
WQLP283	SIUSLAW RIVER BRIDGE RADIOS	FXO	458.1125

EXHIBIT 5

The following contractors and consultants have been retained by the State to support the Project, following open, competitive procurement processes.

CONTRACTOR	SERVICES:	PROCUREMENT PROCESS	DATE EXECUTED:
Black & Veatch	Black & Veatch provides professional services for the planning, design, engineering and administration of all phases of the project.	Request for Proposal	7/10/2009
GDIT	General Dynamics provides preconstruction- and construction-phase services for the project and microwave engineering services.	Request for Proposal	4/13/2010
AECOM	AECOM provides consulting services for the selection and engagement of the radio system contractor (Harris Corp.) and provides project and quality management of the radio system.	Request for Proposal	6/28/2010
Legacy Wireless	Legacy Wireless provides personnel resources capable of providing ongoing project management services for the project.	Request for Proposal	10/26/2009
SAIC	SAIC Inc. provides personnel resources for technical and program support services related to the Oregon Public Safety Broadband Network and U.S. Office of Emergency Communication Technical Assistance.	Request for Proposal	10/26/2009
Federal Eng	Federal Engineering provides high-level conceptual design and engineering services, frequency analysis — including applications and permits — and coverage analysis, as well as field studies and general project management assistance to the project.	Request for Proposal - State of Oregon Price Agreement	2/15/2006

HDR	HDR Engineering provides contract management and coordination support services and information systems development support for the project.	ODOT Procurement Office – Price Agreement	12/23/2010
Harris	Harris provides services, software and equipment for the design, installation and implementation of the project's radio system.	Request for Proposals	12/23/2010
Aviat	Microwave/Constellation Equipment	Statewide Price Agreement	3/15/2004
Public Knowledge	Public Knowledge provides independent quality management services.	Request for Proposals	6/30/2011
OBEC	OBEC provides architecture, engineering and related services.	ODOT Price Agreement	11/22/2011
Summit Solutions	Summit Solutions provides services related to the Golgotha site.	Intermediate Quote Process	1/11/2012
ABN Engineering	ABN Engineering provides small dollar architecture and engineering design services.	Direct Appointment	3/14/2012
JLA Consulting	JLA Public Involvement Inc. provides stakeholder communications and outreach coordination services.	Request for Proposal	1/4/2012